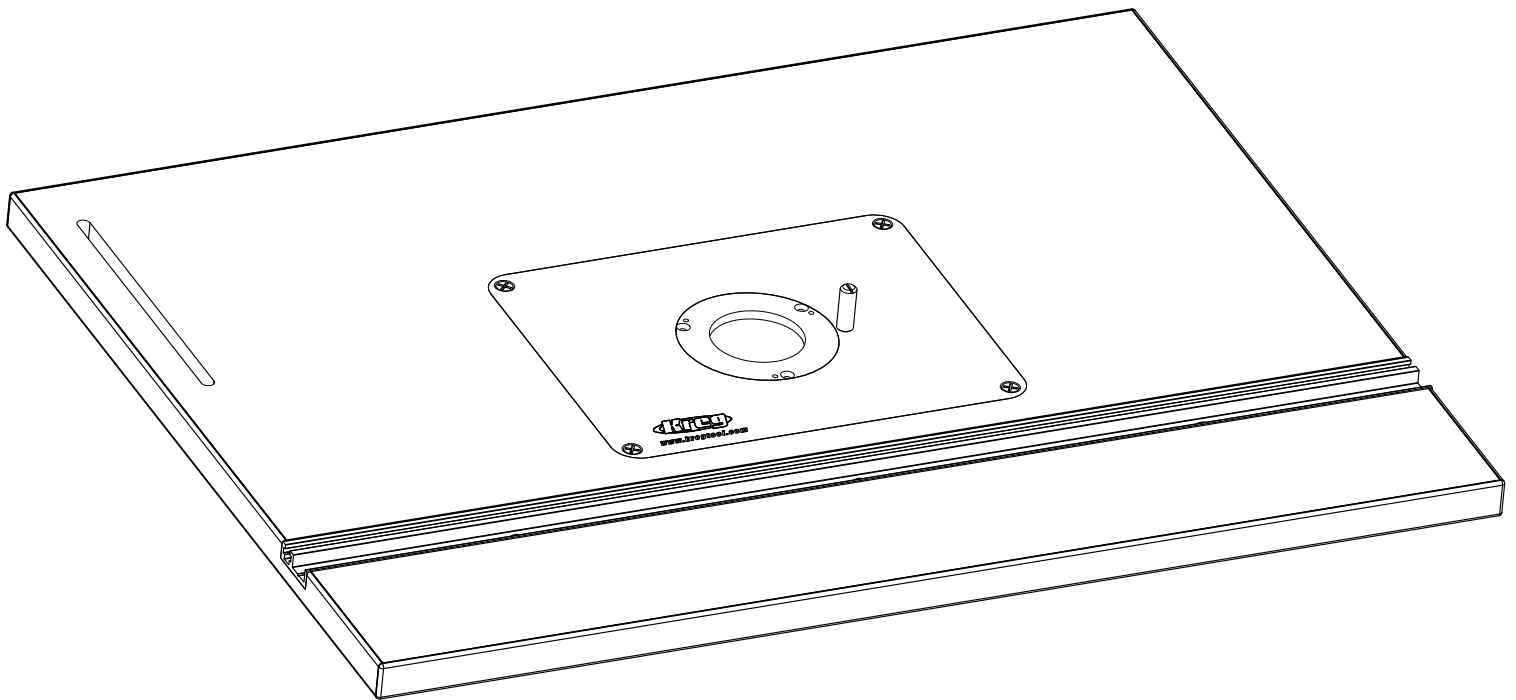




Precision
Router Table Top (24" x 32")
ASSEMBLY INSTRUCTIONS

Item# PRS1020

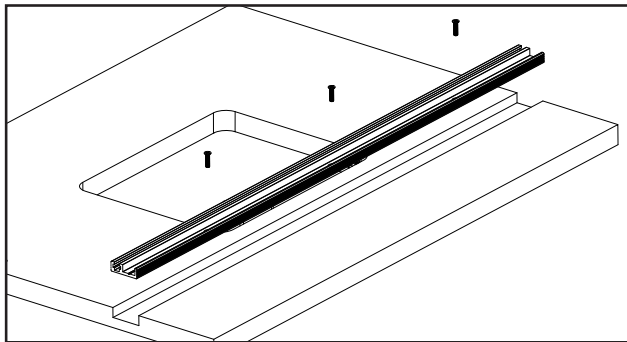


Tools Required:

- 5/64" Allen Wrench
- Phillips Head Screwdriver
- Flat Head Screwdriver
- 6" #2 Square Driver
- 1/8" Allen Wrench (Included)
- 3" #2 Square Driver (Included)

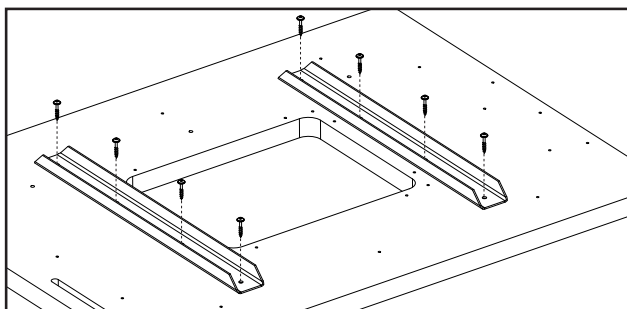
1.

Precision Router Table Top Assembly



Step 1: Attaching the T-Miter Trak

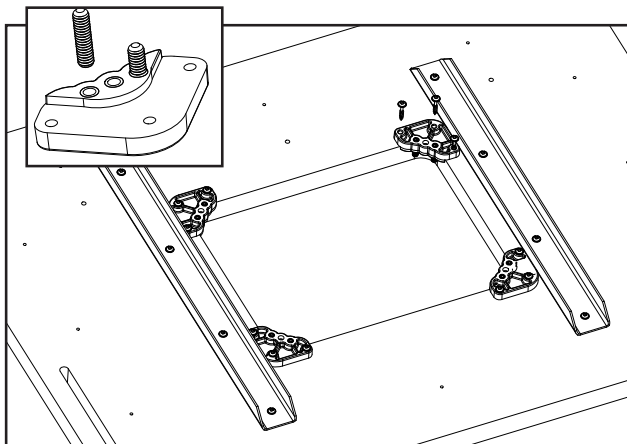
Your table should have shipped with the T-Miter Track (#3) already inserted into the slot on the front portion of the router table surface. Begin by aligning the Trak to the pre-drilled holes and attach with three 10-32 x $\frac{3}{4}$ " Phillips Flat Head Machine Screws (#15).



Step 2: Mounting the Support Struts to the Table Top

Turn the Router Table top (#2) so it's face down on the floor. Locate the two Support Struts (#7) and align them to the pre-drilled holes in the bottom of the Router Table Top. Mount the struts to the top using the eight $\frac{3}{4}$ " Coarse Thread Screws (#16). Be careful not to over tighten.

Note: To avoid damaging the table's surface, be sure not to use the longer 1-1/4" screws (#11) on this step.

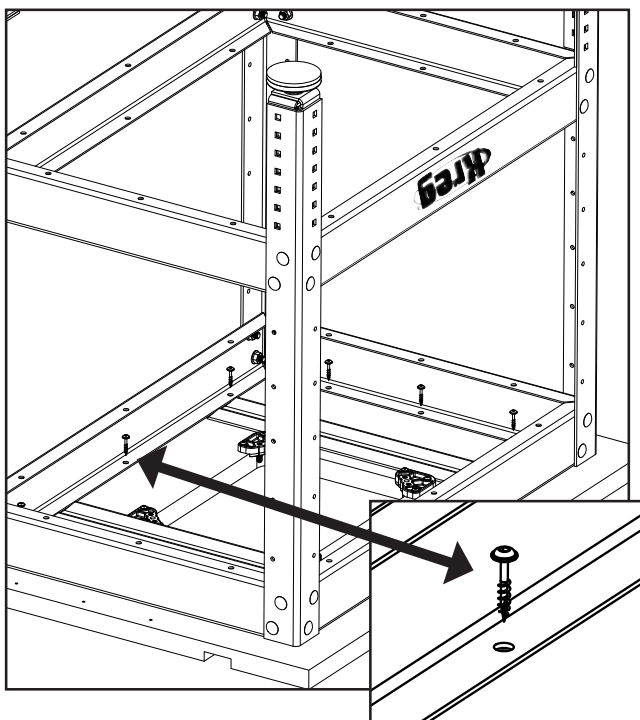


Step 3: Mounting the Insert Plate Levelers to the Table Top

Use the curved tab on the Insert Plate Levelers (#8) to locate each Leveler in the corner of the Insert Plate opening and fasten them in to place using three 1-1/4" coarse thread screws (#11) per leveler. Be careful not to overtighten.

Thread the eight 1/4-20 x 1-1/2" cup point socket set screws (#10) into the two holes as shown, and thread about half way in.

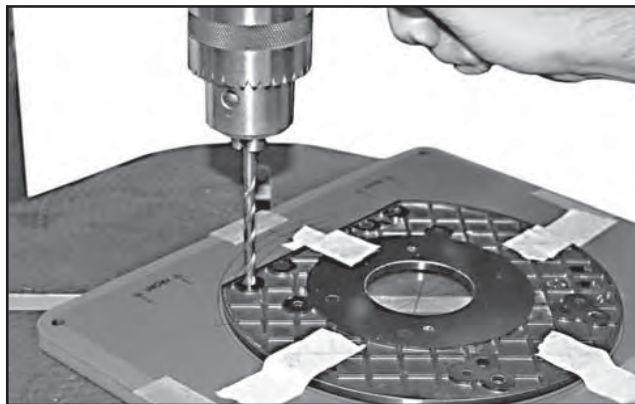
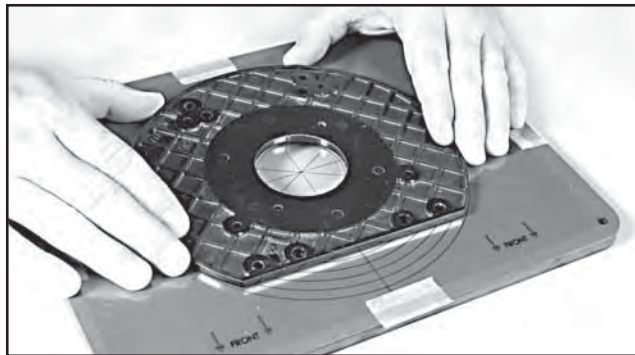
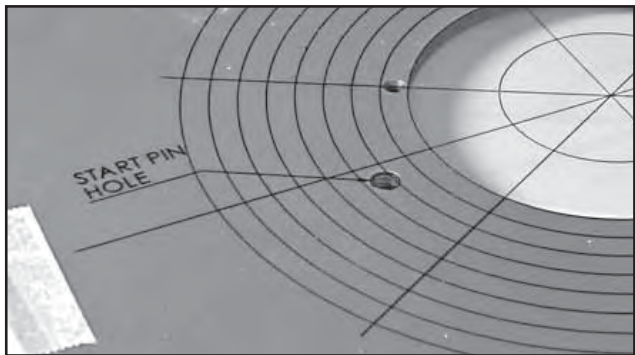
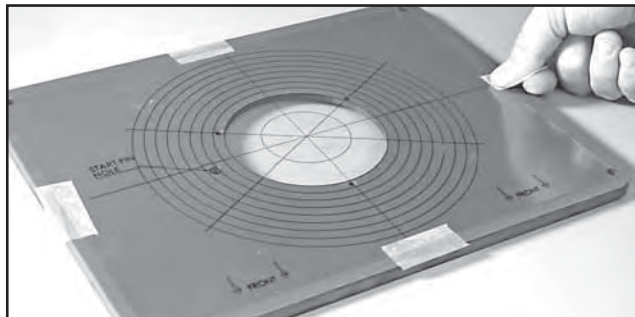
Note: These Insert Plate Levelers will be used in Step 6 to mount and level the Precision Router Table Insert Plate.



Step 4: Mounting the Router Table Top to the Kreg Universal Steel Stand

For proper mounting and alignment purposes, it's best to leave the Router Table Top (#2) face down on the floor. Turn the Universal Steel Stand upside down and align the four rails with the pre-drilled holes on the bottom side of the Table Top. The Kreg logo, located on the front of the stand should be located on the same side and parallel to the T-Miter Track opening on the Router Table Top. Once the table is positioned correctly, use a 6" #2 Square driver bit and twelve $\frac{3}{4}$ " Coarse Screws (included with the Universal Steel Stand) to secure the two together, being careful not to over tighten.

Note: The included hardware was intended for use with the Kreg Universal Steel Stand. If you are working with another stand, be sure to double-check your hardware sizes to ensure that the screws do not puncture the surface of the top when tightened. Also be sure to leave the 6" slotted opening on the table's surface free from obstruction.



Step 5: Mounting the router to the Insert Plate

PLEASE NOTE:

All routers are different. When aligning the router's base plate to the bull's-eye template and Insert Plate, take into consideration all of the controls you will need access to when the router is suspended below the plate during operation. Plan your installation completely and adjust the router orientation accordingly. The router handles do not need to be square with the table or plate for proper operation, so easy access to the on/off switch and other controls should be your #1 priority when attaching the router to the Insert Plate.

Begin by locating the 3/8" phenolic Insert Plate (#1) and placing it face down on your workbench. The Kreg Logo on the Insert Plate should not be visible. Take the clear Plastic Template and place the edge marked "FRONT" towards the front edge of the insert plate. Align the template so that the Start Pin Hole marking and the bull's-eye line up perfectly with the Insert Plate. Once positioned correctly, securely tape the template into place.

In a later step, you will be duplicating your router's base plate holes into your Insert Plate so that you can connect your router directly to the Insert Plate. First, you must determine the correct size of the holes to drill in your Insert Plate. Remove the base plate from your router and find the bit that fits just inside of the base plate's holes.

Now, center your base plate on the concentric rings of the bull's-eye template. Keep in mind what position you want the router in when it's suspended from the table and make certain the base is rotated to reflect that position. For instance, it's best to have the lock on the router base, and the controls on the router motor, toward the front of the table, or as easily accessible as possible.

Note: *If your router is equipped with a built-in lift system, you will need to drill the appropriate holes through the insert plate at this time to gain access to the system and make adjustments to the bit depth of your router after it's been mounted to the insert plate. Once again, use your router base plate to choose the appropriate size drill bit needed for these holes. VERY IMPORTANT – When positioning your base plate for drilling, make sure that none of the holes you are about to drill line up over the pre-drilled Start Pin Hole in the insert plate.*

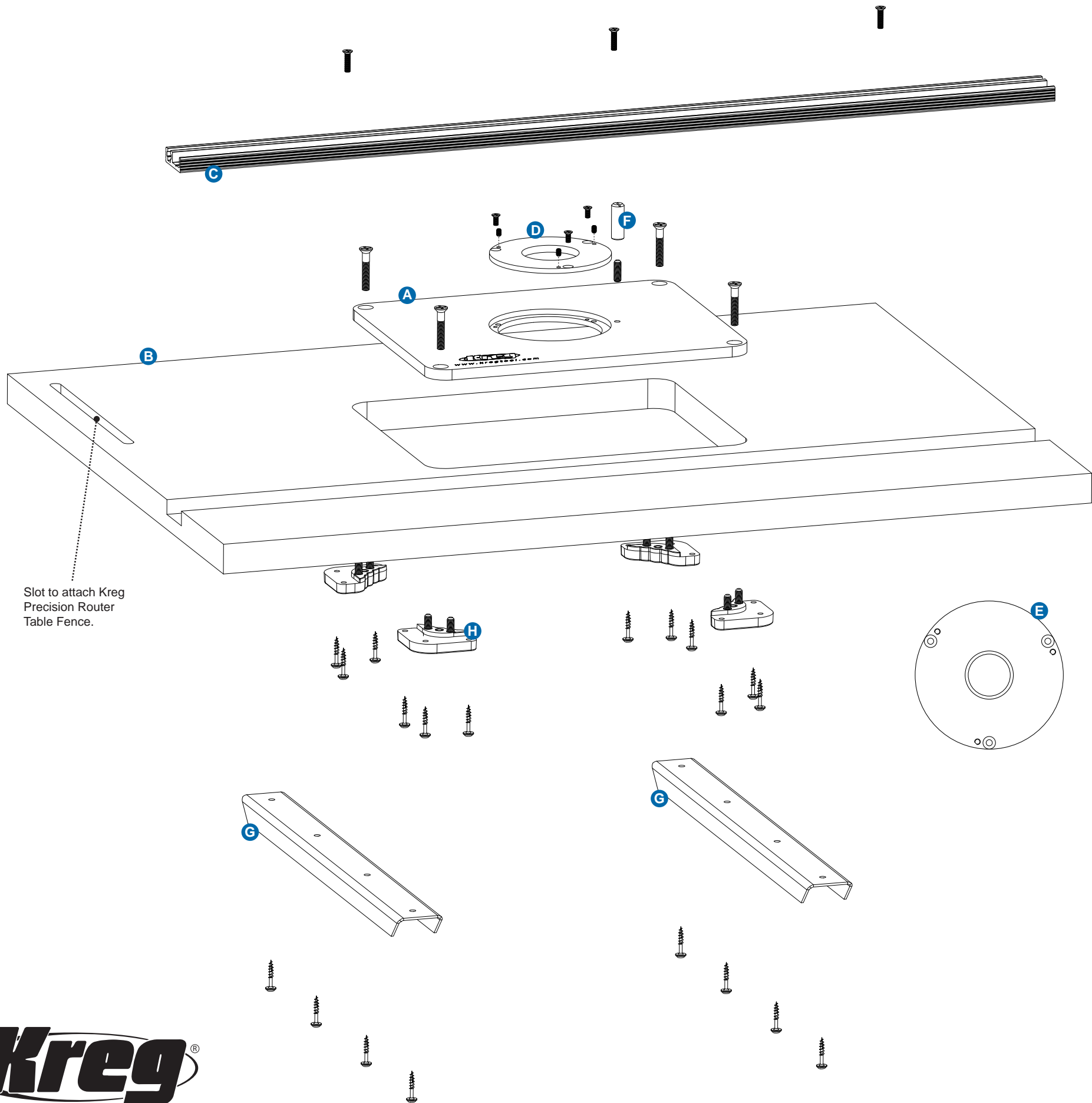
Once you have the base plate from your router aligned where you want it on the template, use heavy duty masking tape to secure your base plate to the bull's-eye template. Tape on at least four sides of your base plate to ensure a strong and secure hold.

Whether you use a drill press or hand drill, we recommend you place a scrap piece of wood under the insert plate. This will reduce blowouts as you drill through the insert plate. It's easiest to do this operation on a drill press so the holes are perfectly square to the insert. If you must drill it by hand, be careful to keep the holes straight. Before drilling, securely clamp the insert plate to your bench or drill press to hold it secure and reduce the chance of the material moving as you drill.

After the holes are drilled, remove the base plate & template. Flip the insert plate over and use an 82 degree countersink bit to countersink each hole so the head of the screws sit at flush or slightly below the plate's surface when tightened down. Be very careful not to over drill these holes, as their depth will directly affect the quality of your routing surface.

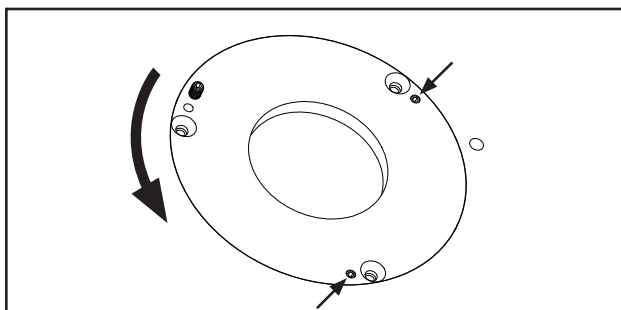
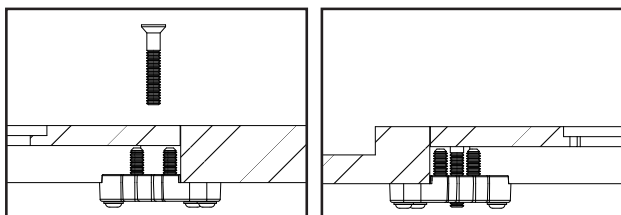
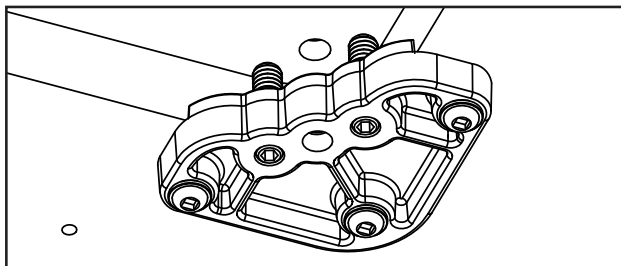
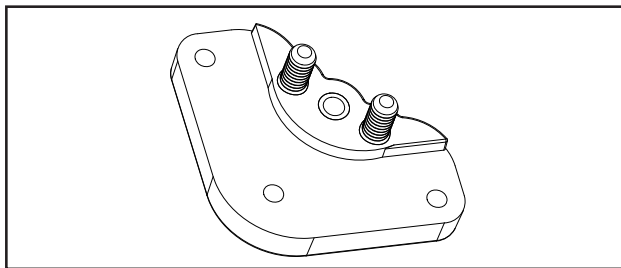
3.

Precision Router Table Top Exploded Parts Diagram



4.

Hardware			
Item#	Description	Part#	Quantity
1	A Phenolic Insert Plate	RT10101	1
2	B Table Top	RT10102	1
3	C T-Miter Track	RT10103	1
4	D 2" Reducing Ring	RT10107	1
5	E 1-13/64" Reducing Ring	RT10106	1
6	F Brass Starting Pin	RT10108	1
7	G Support Strut	RT10171	2
8	H Insert Plate Leveler	RT10100	4
9	1/4-20 x 3/4" Set Screw	DK1522	1
10	1/4-20 x 1-1/2" Set Screw	RT10111	8
11	1-1/4 Coarse Screw	SML-C125	12
12	1/4-20 x 1-3/4" Flat Head MS	RT10112	4
13	8-32 x 1/4" Set Screw	RT10110	6
14	8-32 x 5/16" Flat Head MS	RT10109	3
15	10-32 x 3/4" Flat Head MS	DK1547	3
16	3/4" Coarse Screw	RT10192	8



Step 6: Leveling the Insert Plate to the Opening

The unique design of the Precision Insert Plate Levelers (#8) and adjustable leveling screw system applies pressure to both sides of the Insert plate so that – once locked in – the Insert Plate stays flush regardless of the weight applied. The 8 Leveling Screws and 4 Lock-Down screws work together to keep the Insert Plate flush with the router table surface at all times.

Set the eight ¼-20 x 1-½" Cup Point Socket Set Screws (#10) to approximately the same height and lay the Insert Plate into the opening. The Insert Plate should be resting on the eight adjustable Set Screws. Using the 1/8" Allen Wrench (included), adjust the set screws from the bottom side of the Insert Plate, being careful to adjust each screw the same distance as the other. Adjust the Insert Plate as close as possible to flush with the surface of the router table top and run your finger along the perimeter of the Insert Plate to check that all edges are flush with the router table top.

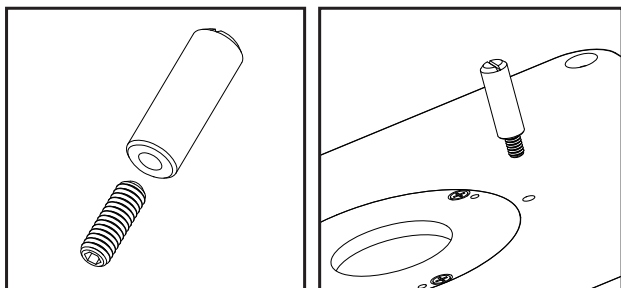
Thread the four ¼-20 x 1-3/4" Phillips Flat Head Machine Screw (#12) (Lock-Down Screws) through the countersunk holes into the center hole on each leveler and snug down. Run your finger along the perimeter of the Insert Plate again to check that all edges are flush with the router table top. Some loosening or tightening of the lock down screws might be necessary to help adjust the reducing ring and hold it securely in place.

Step 7: Installing & Leveling the Reducing Rings

Note: We recommend adjusting both reducing rings at this time. This will save time later as you change which reducing ring you want to use, and also reduces the possibility of losing the second set of small Flat Point Socket Set Screws. After you have leveled one reducing ring, remove it and level the other.

Insert three 8-32 x ¼" Flat Point Socket Set Screws (#13) into reducing ring's threaded holes, using a 5/64 Allen Wrench as shown. Place the reducing ring into the Insert Plate opening and rotate counter-clockwise until the set screws fall into the corresponding holes. Adjust the set screws until the reducing ring is perfectly level with the Insert Plate. Secure the reducing ring by threading the 8-32 x 5/16" Phillips Flat Head Machine Screws (#14) into their holes and tightening snugly.

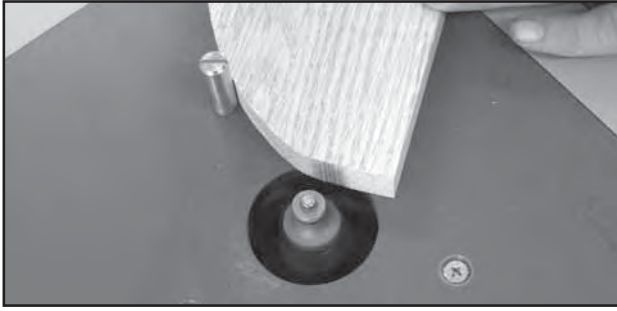
As you tighten down the reducing ring, some additional adjustment under tension may be necessary. Adjust each set screw as needed to bring the reducing ring flush with the insert plate. Some loosening or tightening of the lock down screws might be necessary to help adjust the reducing ring and hold it securely in place. By leveling the reducing rings while force is applied in both directions, the rings will stay flush regardless of the weight applied, providing a more level and secure work surface.



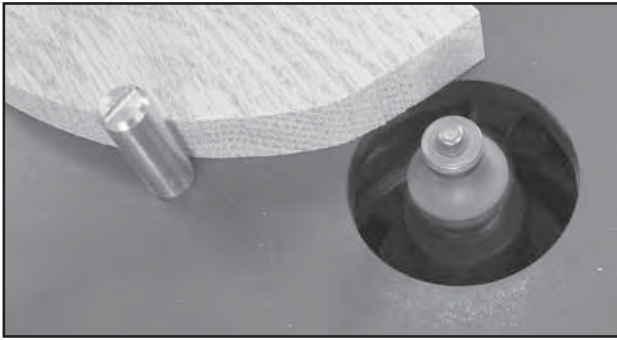
Step 8: Installing the Starting Pin

Thread the ¼-20 x ¾" Cut Point Socket Set Screw into the bottom of the Brass Starting Pin using a flat head screw driver and a 1/8" allen wrench, until the two are secured tightly together. Insert the Starting Pin assembly into the Insert Plate Start Pin Hole and thread in until tight.

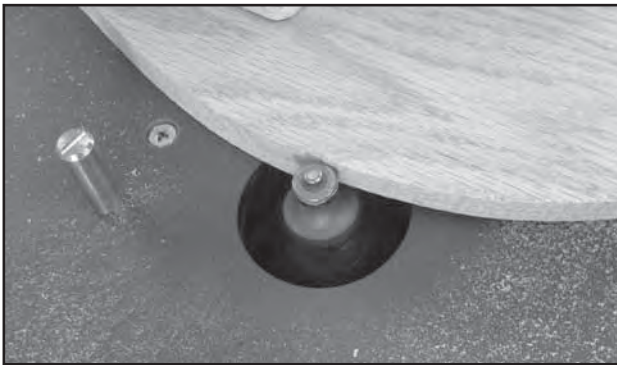
* For more information on how to use the starting pin, please see page 6.



The starting pin included with your router table is useful when routing curves. It supports the edge of your work piece and allows you to gently ease your work into the router bit. It should only be used with router bits that have a bearing.



Start with your work piece touching the starter pin, but not in contact with the router bit. Ease the material into the cutter and make contact with the ball bearing on the bit.



Once you've made solid contact with the ball bearing you can ease off of the starting pin and allow the work piece to glide along the bit's bearing.

- Woodworking machines are dangerous, and can cause personal injury if not used properly.
- Read safety instructions and operating instructions for your machine completely, before using products. Using this system before understanding its safe and proper use could result in serious injury to the operator.
- Failure to follow these rules may result in serious personal injury.
- For your own safety, read instruction manual before operating the tool. Learn the tools application and limitations as well as the specific hazards distinctive to it.
- Keep all guards and safety devices in proper place while using these products.
- Always wear safety glasses.
- Keep hands well away from the rotating bit when operating machine.
- Avoid awkward hand positions, where a sudden slip could cause contact with the rotating bit.
- This system was designed for certain applications only. Kreg strongly recommends that this system NOT be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application, DO NOT use the tool until you have written, phoned, or e-mailed Kreg Tool and have been advised accordingly.
- Be aware of kickbacks. Kickbacks occur when the workpiece binds-up while being routed, causing it to twist, jump, and possibly become airborne. To avoid kick backs (and potential injury) always use sharp bits, keep the machine aligned and maintained properly, and adequately secure/support the workpiece.
- Turn machine off before adjusting. Never adjust the fence, plate level, reducing rings, or any other part of the tool while the machine is running.
- Wait for the machine to stop. Make sure the router comes to a complete stop before adjusting the workpiece or workpiece-angle.
- Ground electric machines. If your machine is equipped with a three-prong plug, it should be plugged into a three-hole electrical receptacle only. If the proper outlet is not available, have one installed by a qualified electrician before use. Never remove the third prong, and never modify the provided plug in any way.
- Don't operate in a dangerous or unclean environment. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well-lit, un-cluttered, and clean.
- Keep children and visitors away. All children and visitors should be kept a safe distance from the work area, and should not operate the tool under any condition.
- Make your workshop "child-proof". Use padlocks, master switches, or any other means necessary to make your work area safe for children.
- Use the right tool. Never "force" the tool to do work for which it was not intended. If used properly, the tool will produce better results in less time, under safer conditions.
- Wear proper apparel. No loose clothing, gloves, neckties, rings, bracelets, or any other jewelry that could possibly get caught in moving parts. Non-slip footwear is highly recommended, as is protective hair covering. Remember to always use safety glasses, specifically designed as safety wear.
- Secure the workpiece. Use clamps or a vise to hold work when it is practical and safe. Using the proper tool may allow you to free both hands for tool operation. Also, be sure to never overreach.
- Secure your tools. In the event of the machine tipping or sliding, it is always recommended to secure your tools to the machine during use.
- Keep the proper footing and balance. Ensure that you are in no danger of slipping or sliding once you turn the machine on. Once again, non-slip footwear is highly recommended.
- Maintain tools in top condition. Keep tools sharp, clean, and properly maintained for the highest quality and safest performance. Remember to properly follow all lubrication and accessory maintenance practices, as detailed in this Instruction Manual.
- Disconnect tool before servicing. When changing accessories such as bits, clamps, etc., making any sort of physical assessment of the tool, or when motor is being mounted/connected, remember to disconnect the machine from its power source. This will reduce the possibility of accidentally engaging the machine.
- Check for damaged parts. Before use of the tool, a careful assessment of all guards and other parts should be made to ensure that it will operate properly, and perform as intended. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced as soon as possible, preceding any additional use. Do not use the tool if you are not qualified to make these sorts of assessments.
- Never leave a running machine unattended. Always turn the machine's power "OFF" after operation. Do not leave the tool until it comes to a complete stop.
- Drugs, alcohol, medication warning. Do not operate tool while under the influence of drugs, alcohol, or any medications.

Other Precision Routing Products



***Come meet the entire family of Precision Routing Products
at www.kregtool.com***



Item# PRS3010

True-FLEXTM Featherboard

This unique featherboard can be quickly and easily connected to almost any miter slot or t-slot without the need for additional hardware. It features a durable plastic composite body which ensures optimum workpiece pressure.



Item# PRS1010

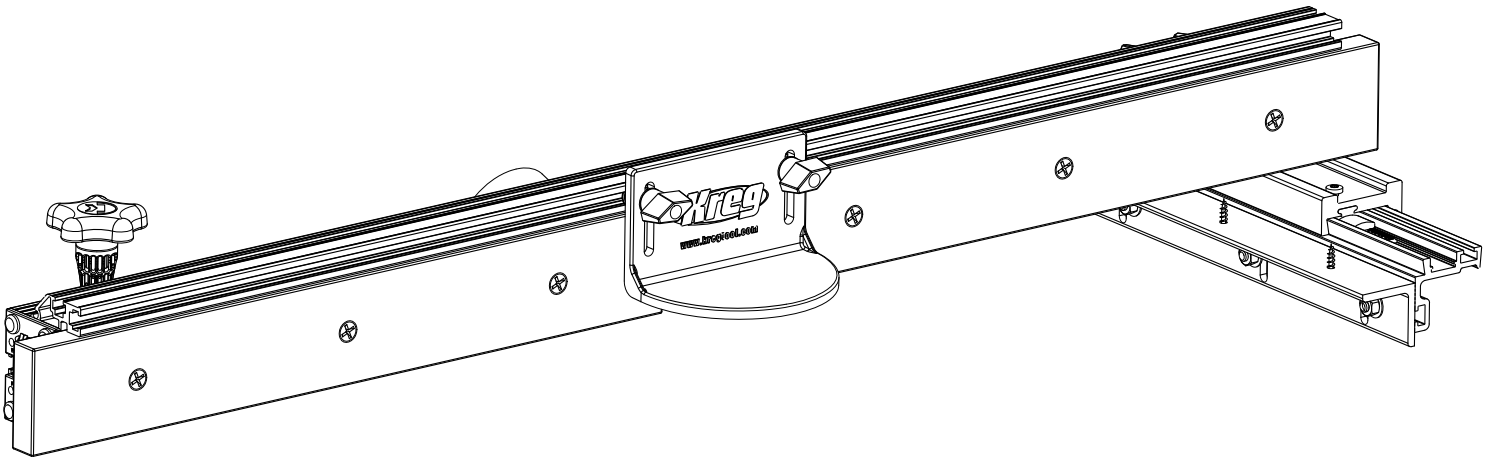
Precision Router Table Fence

Taking cues from high-end table saw rip fences, this groundbreaking router fence provides an entirely new way to work. It'll make every project you start faster, easier, and far more precise than ever before.



Precision
Router Table Fence
ASSEMBLY INSTRUCTIONS

Item# PRS1010

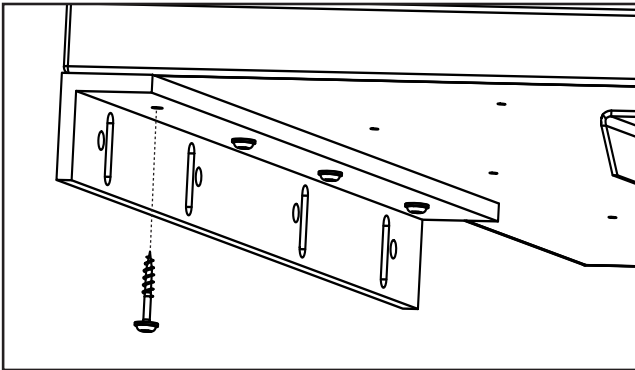


Tools Required:

- 7/16" Open Ended Wrench
- Flat Head Screwdriver
- Phillips Head Screwdriver

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- Failure to follow these rules may result in serious personal injury.
- For your own safety, read instruction manual before operating the tool. Learn the tools application and limitations as well as the specific hazards distinctive to it.
- Keep all guards and safety devices in proper place while using these products.
- Always wear safety glasses.
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- Make your workshop "child-proof". Use padlocks, master switches, or any other means necessary to make your work area safe for children.
- Use the right tool. Never 'force' the tool to do work for which it was not intended. If used properly, the tool will produce better results in less time, under safer conditions.
- Wear proper apparel. No loose clothing, gloves, neckties, rings, bracelets, or any other jewelry that could possibly get caught in moving parts. Non-slip footwear is highly recommended, as is protective hair covering. Remember to always use safety glasses, specifically designed as safety wear.
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- Secure your tools. In the event of the machine tipping or sliding, it is always recommended to secure your tools to the machine during use.
- Keep the proper footing and balance. Ensure that you are in no danger of slipping or sliding once you turn the machine on. Once again, non-slip footwear is highly recommended.
- Maintain tools in top condition. Keep tools sharp, clean, and properly maintained for the highest quality and safest performance. Remember to properly follow all lubrication and accessory maintenance practices, as detailed in this Instruction Manual.
- Disconnect tool before servicing. When changing accessories such as bits, clamps, etc., making any sort of physical assessment of the tool, or when motor is being mounted/connected, remember to disconnect the machine from its power source. This will reduce the possibility of accidentally engaging the machine.
- Check for damaged parts. Before use of the tool, a careful assessment of all guards and other parts should be made to ensure that it will operate properly, and perform as intended. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced as soon as possible, preceding any additional use. Do not use the tool if you are not qualified to make these sorts of assessments.
- Never leave a running machine unattended. Always turn the machine's power "OFF" after operation. Do not leave the tool until it comes to a complete stop.
- Drugs, alcohol, medication warning. Do not operate tool while under the influence of drugs, alcohol, or any medications.

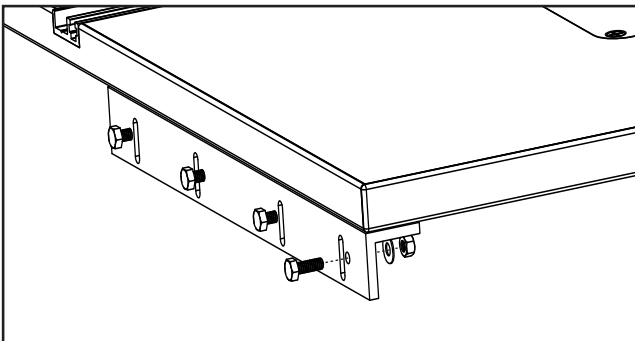
Precision Router Table Fence Assembly



Step 1

Locate the Table Mount (#5) and position it underneath the far right hand corner of your Kreg Precision Router Table Top. Using the four 1" Coarse Thread Screws (#28) and the pre-drilled holes in the Table Top, secure the Table Mount flush with the back and right side edges of the Table Top.

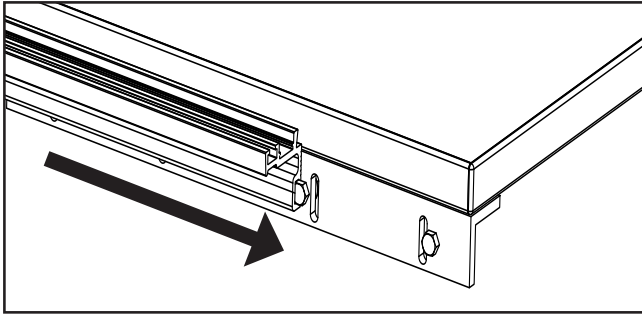
Note: If you are using a homemade or other type of router table top you will not have pre-drilled holes for this step. When you screw in the Coarse Thread Screws, be extra sure that the Table Mount is perfectly flush with the back and right side edges of the table top before securing. Also be sure that the hardware is not so long that it will puncture your top surface when completely driven. You may need to purchase shorter hardware if this is a potential problem.



Step 2

Insert the four 1/4-20" x 3/4" Hex Bolts (#31) into the holes (not slots) on the side of the Table Mount (#5) and attach using four 1/4" Brass Washers (#17) and four 1/4-20 Hex Nuts (#23). Be sure to use the thicker Hex Nuts and not the thinner Jam Nuts. The bolts should hang loosely at this point. Do not tighten down.

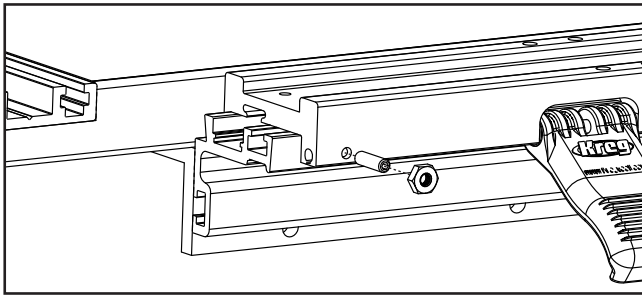
Note: If you are using a homemade or other type of router table top you will use the slots in the Table Mount instead of the holes. This will allow you to adjust for the thickness of your Table Top later on.



Step 3

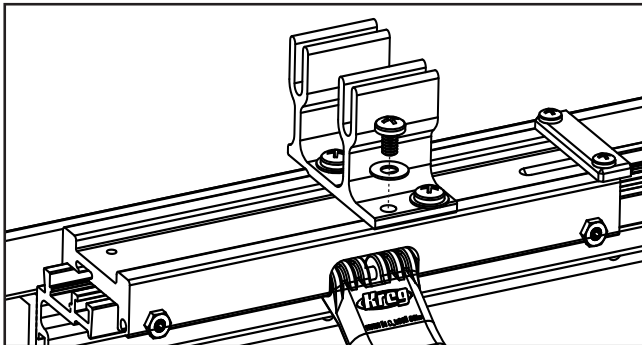
Locate the Mounting Rail (#1) and slide it over the $\frac{3}{4}$ " Hex Bolts (#5) as shown. If you intend on using the Kreg Micro-Adjuster (sold separately), position the mounting rail so it's flush with the front edge of the Table Mount. If you do not plan on using the Micro-Adjuster, position the Mounting Rail so it's flush with the back edge of the Table Mount. If necessary, apply pressure to the top of the Mounting Rail as you tighten the bolts with a $\frac{7}{16}$ " wrench to ensure the fence stays flush with the table top.

Note: If you are using a homemade or other type of router table top you should only hand tighten the Bolts/Nuts down at this point. You will need to make further adjustments before you can secure the assembly.



Step 4

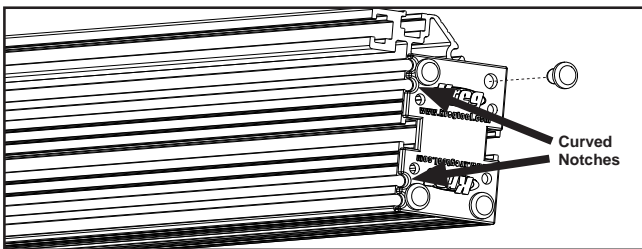
Locate the Clamp Block (#2) and slide it onto the Mounting Rail (#1). Thread two Nylon Set Screws (#29) into the front of the Clamp Block (as shown) using a Flat-Head Screwdriver. The Nylon Set Screws should be driven to the same depth until they just come in contact with the Clamp Block. Back each of the Nylon Screws out $\frac{1}{8}$ of a turn and lock them in place using two 10-32 Hex Nuts (#32). These nylon set screws take the 'play' out of the fence and allows for more fluid motion of the Mounting Rail. Make adjustments as necessary.



Step 5

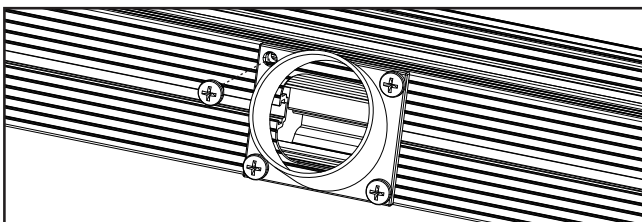
Locate the Fence Mount (#3) and align the four holes with the corresponding holes on the Clamp Block (#2). Secure the two together using the four Brass Washers (#17) and four $\frac{1}{4}$ -20 x $\frac{3}{8}$ " Phillips Pan Head Machine Screws (#18), without tightening completely. You will need to adjust the positioning of the Fence Mount in Step 11 before tightening.

Note: If you're using a homemade or other type of router table, you must align and secure the Mounting Rail and Clamp Block before starting this step. Tighten down the four $\frac{1}{4}$ -20 x $\frac{3}{4}$ " Hex Bolts -- which you previously inserted through the slotted holes in the Table Mount -- making sure the top edge of the Clamp Block (#2) is flush or $\frac{1}{32}$ " below the surface of your router table top and that the Clamp Block and Mounting Rail (#1) run perfectly parallel to the edge of the table top.



Step 6

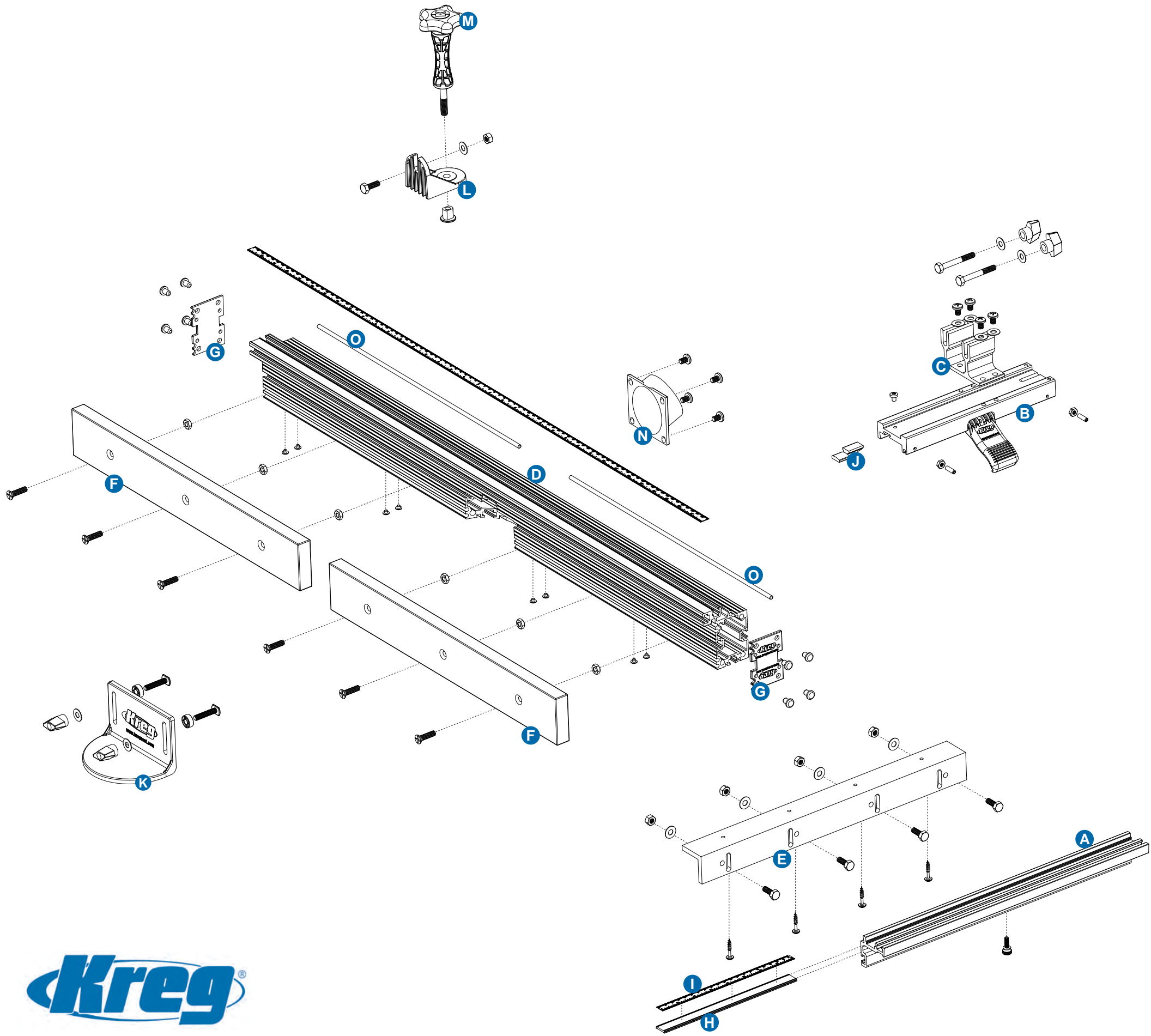
Next, attach the two Fence End Caps (#7) to each end of the Large Fence (#4) using the eight $\frac{1}{4}$ " nylon Snap Rivets (#21). These caps need to be attached so the four curved notches on the end caps line up with the four curved notches on the Large Fence.

































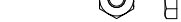



Step 7

Attach the Dust Port (#14) to the back of the Large Fence (#4) using four $\frac{1}{4}$ -20 x $\frac{3}{8}$ " Phillips Pan Head Machine Screws (#18) so that the port angles up, making it easy to attach a vacuum hose.

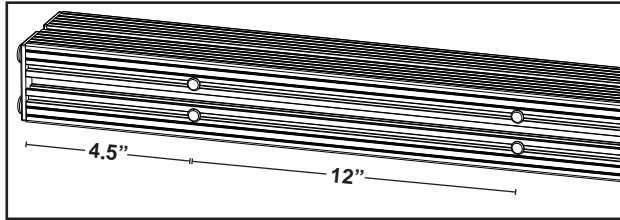
3. Precision Router Table Fence Parts Explosion



4. Hardware

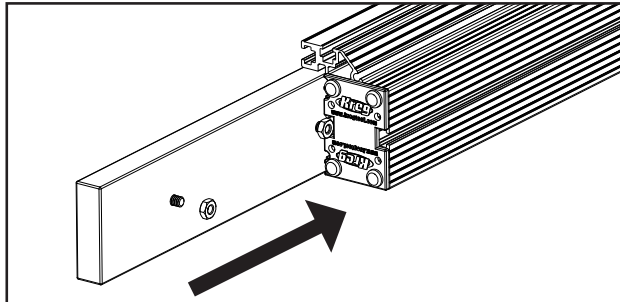
#	Description	Part#	Quantity
1	 MOUNTING RAIL	RT10124	1
2	 CLAMP BLOCK ASSEMBLY	RT10125	1
3	 FENCE MOUNT	RT10126	1
4	 LARGE FENCE	RT10122	1
5	 TABLE MOUNT	RT10123	1
6	 FENCE FACE	RT10128	2
7	 FENCE END CAP	RT10121	2
8	 8" ALUMINUM TAPE SLIDER	RT10129	1
9	 8" SCALE	RT10139	1
10	 PRECISION LENS CURSOR	FT4063	1
11	 FENCE GUARD	RT10133	1
12	 RIGHT ANGLE BRACKET	RT10127	1
13	 EXTENSION KNOB ASSEMBLY	RT10148	1
14	 DUST PORT	DB5310	1
15	 16" JOINTING ROD (2)	RT10138	2
16	 SMALL T-KNOB	DK1313	4
17	 1/4 BRASS WASHER	DK1504	12
18	 1/4-20 X 3/8" PAN HEAD MS	RT10137	8
19	 KNURLED THUMB SCREW	RT10185	1
20	 10-32 X 1/4" NYLON SCREW	FT4064	1
21	 1/4" NYLON SNAP RIVET	RT10130	8
22	 1/4-20 X 1" FLAT HEAD MS	RT10136	6
23	 1/4-20 HEX NUT	DK1510	5
24	 PLASTIC SPACER WASHER	RT10134	2
25	 1/4-20 X 1-1/4" T-BOLT	FT4212	2
26	 1/4-20 X 2-1/4" HEX BOLT	RT10186	2
27	 1/4-20 JAM NUT	RT10141	5
28	 1" COARSE SCREW	SML-C1	4
29	 NYLON SET SCREW	FT4102	2
30	 BRASS T-NUT 5/16-18	RT10132	1
31	 1/4-20 X 3/4" HEX BOLT	FT4129	5
32	 10-32 HEX NUT	DK1508	2
33	 1/4" FENDER WASHER	RT10161	1
34	 TRAK BUMPERS	FT4055	8
35	48" CENTER READING TAPE	RT10140	1

5. Precision Router Table Fence Assembly



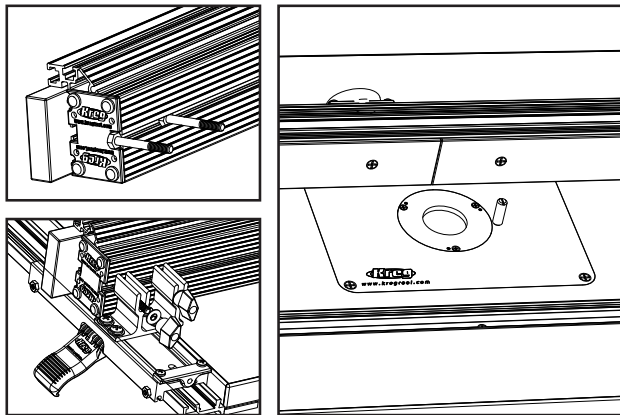
Step 8

Flip the Large Fence over. On the underside of the Fence you will find two slots running down the length of the extrusion. Insert the eight Trak Bumpers (#34), approximately 4.5" and 12" from each end, as shown in the image. Correctly installed Trak Bumpers will reduce friction and ensure the fence glides smoothly across the table top.



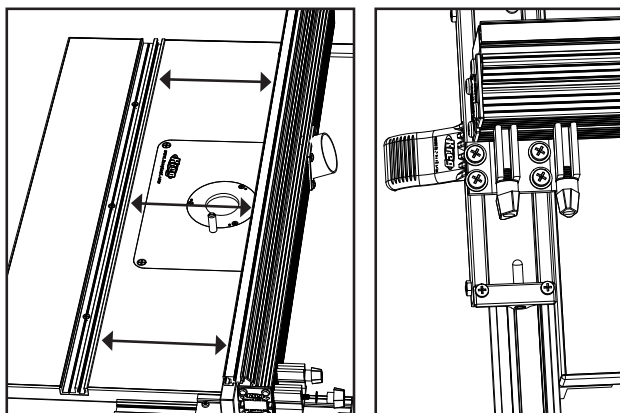
Step 9

Insert six 1/4-20 x 1" Phillips Flat Head Machine Screws (#22) through the pre-drilled/countersunk holes in the two separate Fence Faces and barely thread the six corresponding 1/4" Jam Nuts (#27) onto the Screws. Be sure to use the thinner Jam Nuts and not the thicker Hex Nuts. The Hex Nuts are too large to slide into the t-slot of the Fence. With the bolts and nuts secured onto the Fence Faces, take each Face and slide it onto the front t-slot of the Fence, center, and tighten each bolt down securely



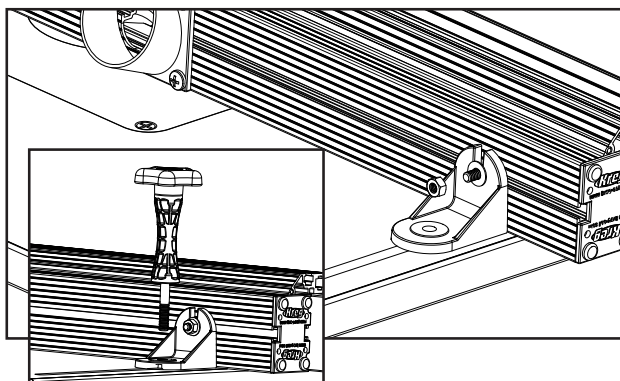
Step 10

Slide the two 1/4-20 x 2-1/4" Hex Bolts (#26) into the T-slot on the back of the Large Fence (#4) next to the Fence Mount (#3). Adjust the position of the two bolts so that they fit into the two slots on top of the Fence Mount and move the fence so its centered on the router bit opening. Lock the fence into place using two 1/4" Brass Washers (#17). and two T-Knobs (#16).



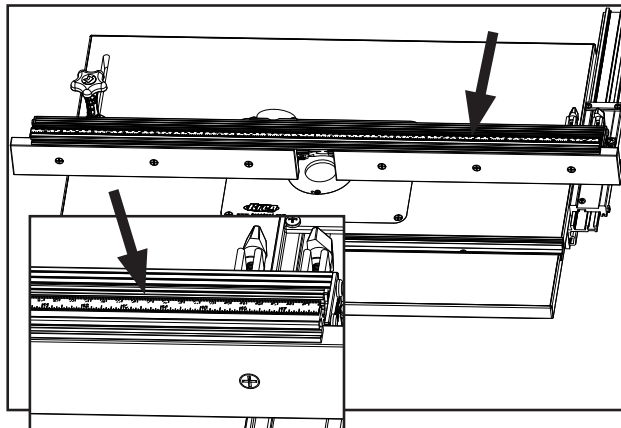
Step 11

With the fence centered on the bit opening, use a rule to bring the fence perfectly parallel to the miter slot. Tighten the four 1/4-20 3/8" Phillips Pan Head Machine Screws (#18) that you installed earlier in Step 5, to lock the fence into position.



Step 12

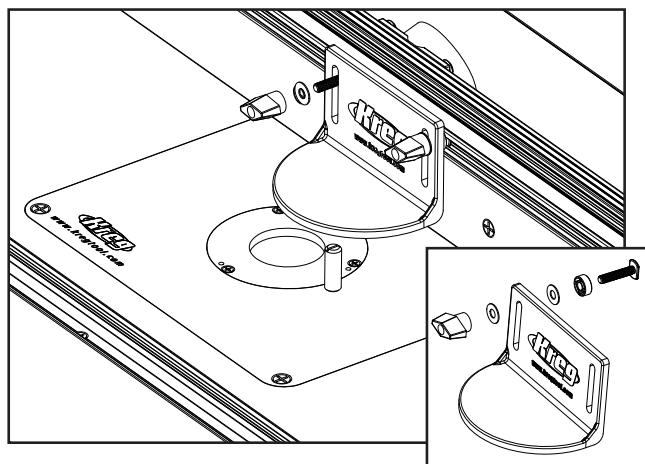
On the other end of the fence, slide the head of a 1/4-20 x 3/4" Hex Bolt (#31) into the T-Slot. Slide the slotted end of the Right Angle Bracket (#12) around the Hex Bolt and fasten with one 1/4" Fender Washer (#33) and one 1/4" Hex Nut. Before tightening the nut, align the Right Angle Bracket over the 6" slot on the left side of the Kreg Router Table Top. Place the Brass T-Nut (#30) through the slot from the underside of the Router Table Top and attach the Extension Knob Assembly (#13) by putting it through the Right Angle Bracket and threading it into the Brass T-Nut. Once the right angle bracket is correctly positioned, tighten the hex nut to secure it into place.



Step 13

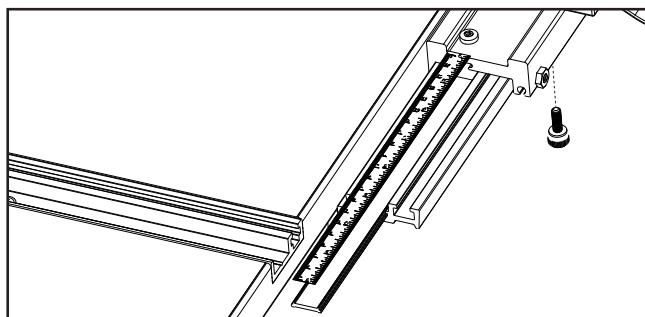
Locate the 48" Center Reading Tape (#35) and trim each side to the 17-15/16" mark with a sturdy scissors. Carefully remove one corner of the backing, apply the tape 1/16" from the edge of the Large Fence and continue to remove the backing while you press the tape across the surface of the fence. Be careful to eliminate all air bubbles under the tape as you move across. If properly applied, the other end of the tape should also come to rest 1/16" from the other edge of the Large Fence.

For most applications, the tape will be used as a distance reference instead of an exact measurement. To precisely center the tape on the router bit, loosen the T-Knobs on the Fence Mount and make adjustments as necessary.



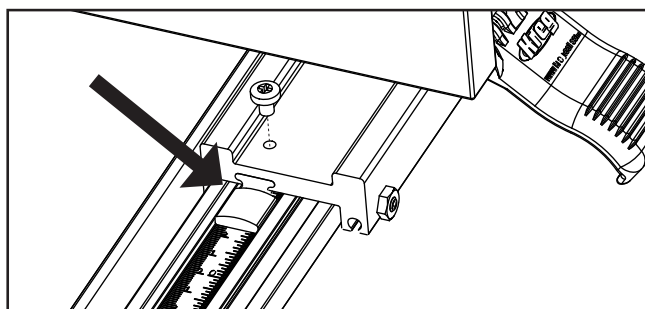
Step 14

Mount the Fence Guard (#11) by sliding two 1/4-20 x 1-1/4" T-Bolts (#25) into the T-slot on the top, front edge of the Large Fence. Slide both to the center of the fence, add two Plastic Spacer Washers (#24) onto each T-Bolt, and place the Fence Guard (#11) on to each T-Bolt. Fasten using two 1/4" Brass Washers (#17) and two Small T-Knobs (#16).



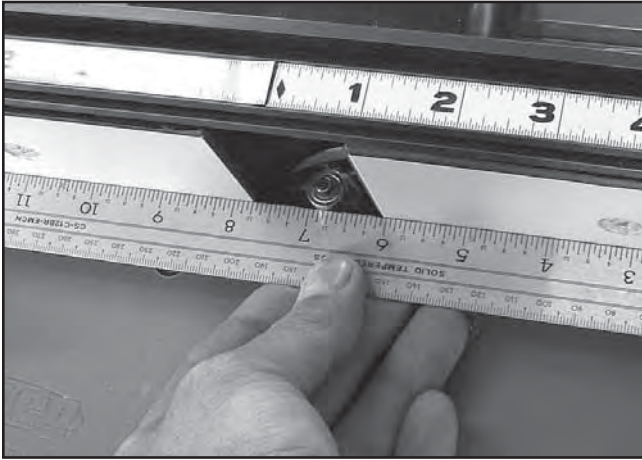
Step 15

Slide the fence to the back of the router table top. Locate the 8 1/4" Tape Slider (#8). Insert the Tape Slider into the Mounting Rail (#1) and thread the Knurled Thumb Screw (#19) from the bottom side of the Mounting Rail to hold the Tape Slider in place. Locate the 8" Measuring Tape (#9). Position the tape so the 2" marking is on the front edge of the Tape Slider. Apply by peeling the adhesive backing from the Measuring Tape and pressing into place. The Measuring tape and Tape Slider are the same length so no cutting of the tape is necessary. When the tape requires adjustment, simply loosen the Thumb Screw, make your adjustment as necessary, and re-tighten.



Step 16

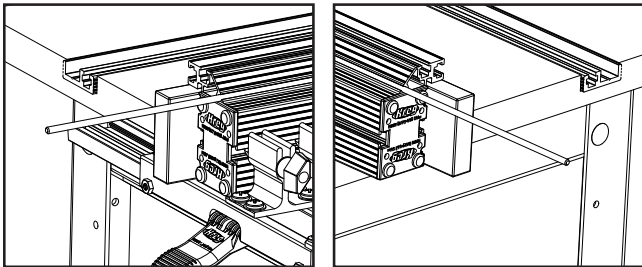
Slide the Precision Lens Cursor (#10) into the Mounting Rail as far as is shown, and lock it into place using the 10-32 x 1/4" Nylon Screw (#20). This Screw can be loosened and re-tightened to make any adjustments necessary to the Precision Lens Cursor.



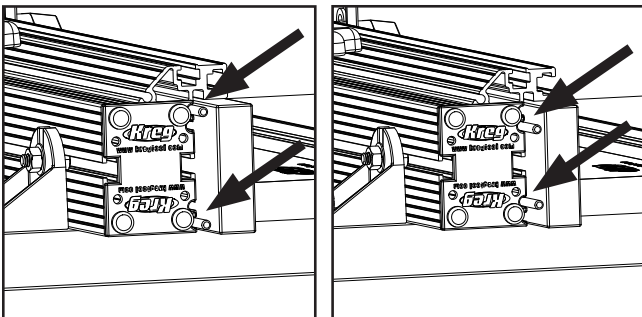
To position your fence for use with a common edge (bearing) bit, start by loosening the individual fence faces and positioning them as close as possible to the cutter, without making contact with the bit. Rotate the bit with your hand and make sure that the fence faces do not make contact. Once the faces are correctly positioned, bridge the gap between the two with a straight edge, and position it so the straight edge contacts the bit's ball bearing and both fence faces simultaneously, as shown.

To position your fence for use with common non-edge (bearing-less) bits, start by loosening the individual fence faces and positioning them as close as possible to the cutter without making contact with the bit, just as you would with a common edge bit. Rotate the bit with your hand and make sure the fence faces do not make contact. Once the faces are correctly positioned, bridge the gap between the two with a straight edge, and position it so the straight edge contacts the bit and both fence faces simultaneously, just as you would with a bearing bit. Once the fence is positioned correctly, release the tape slider and adjust it so that it reads "0" on the Precision Lens Cursor. Tighten the tape into place and adjust the fence away from the blade until your desired cutting depth is displayed on the Precision Lens Cursor.

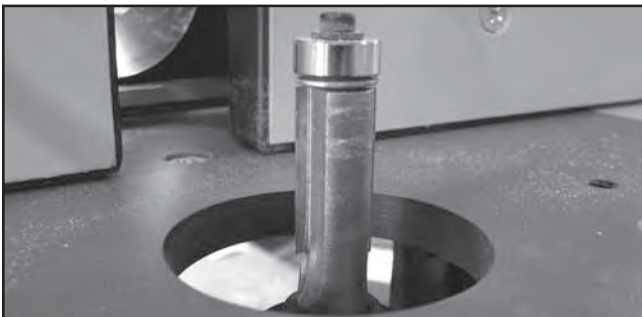
In-Use: Jointing



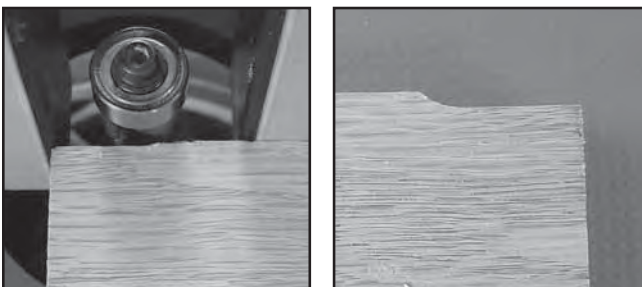
The Kreg Precision Router Table Fence features fully independent fence faces which allow the fence to double as a vertical jointer. To set up the jointer, begin by loosening the out-feed face -- being careful not to go too far and disconnect the screw from the Jam Nut -- and removing the two Jointing Rods (#15) which are stored in the back of the fence, as shown.



There are two sets of shallow recesses behind the face, which allows you to offset the out-feed fence face 1/16" or 1/32" from the in-feed fence face. To position the fence at the 1/16" setting, slide the rods into the corresponding shallower recesses, as shown in the left photo. To position the fence at the 1/32" setting, slide the rods into the corresponding deeper recesses, as shown in the right photo. When the rods are inserted, and you have the correct depth setting, re-tighten the fence face to the fence.



When jointing, it's always best to make light passes so you'll probably use the 1/32-in. offset more frequently. Any straight bit can be used for jointing, but a flush trim bit is the easiest to set up. Since the bearing is the same diameter as the cutter, you can directly align the fence with the bearing.



Use a scrap piece of wood to test the fence position. If, as you feed the material, it butts into the out-feed fence, the fence is too far forward and you're not removing enough material. Move the fence back a little. (Guard removed for photo clarity.)

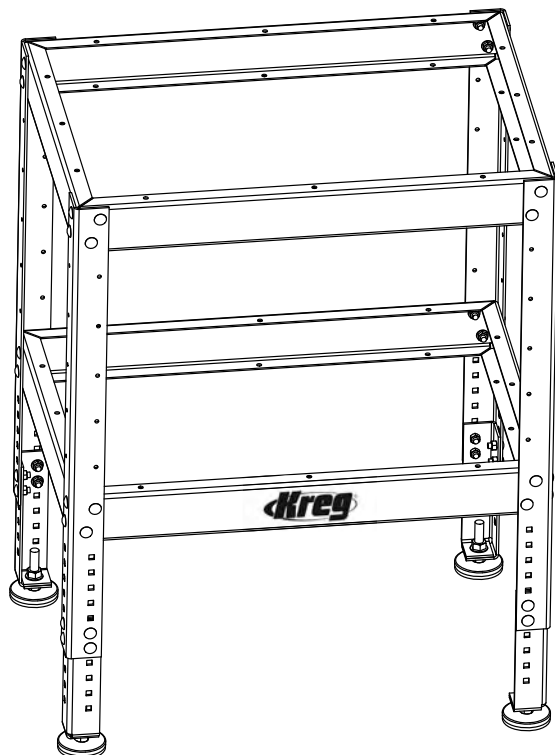
If you get a snipe at the trailing edge of the cut, the fence is too far back, and you're removing too much material.



Universal Steel Stand

ASSEMBLY INSTRUCTIONS

Item# KRS1030



Tools Required:

- Square
- 1/2" Socket wrench & extension
- (2) 3/4" Open-end or adjustable wrenches
- Phillips head driver bit

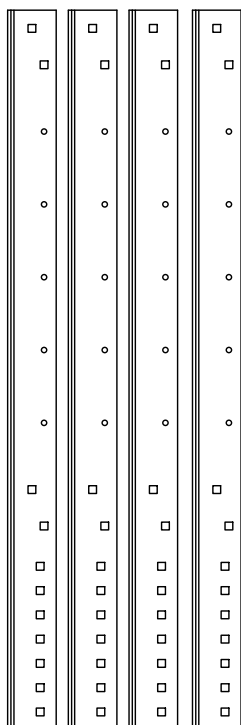
www.kregtool.com • 800.447.8638

Please call us at 800-447-8638
with any questions regarding the
assembly of this stand.

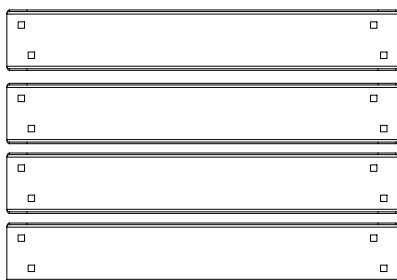
NK7563A
Version 20070201

Parts Identification:

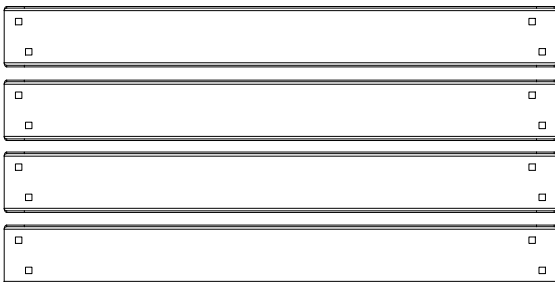
Legs (4)



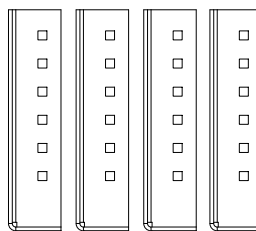
Short Stretcher (4)



Long Stretcher (4)



Height Adjusters (4)



Levelers (4)



Hardware



1/2" Hex Flange Nuts (8)



5/16" Hex Flange Nuts (50)



5/16" Carriage Bolts (50)



3/4" Wood Screws (20)

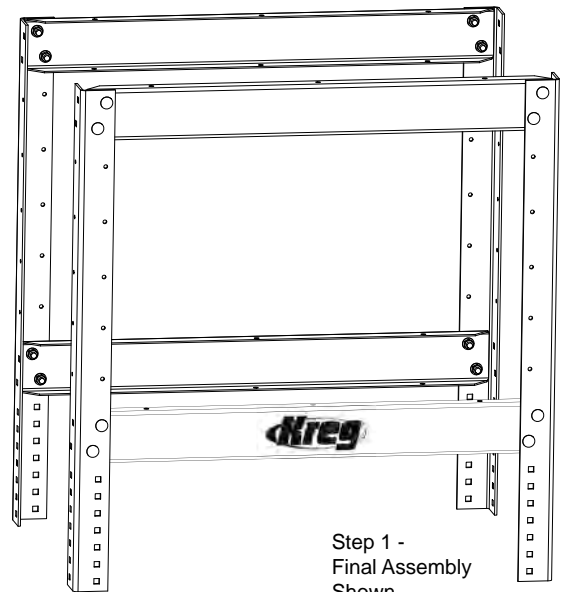
Step 1

Constructing Side Assemblies:

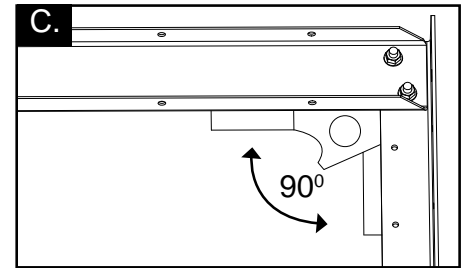
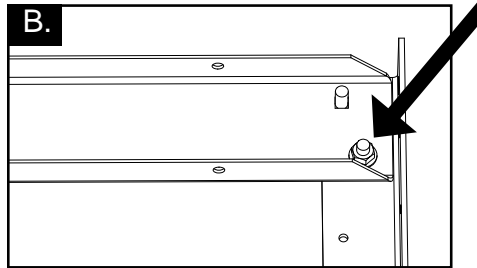
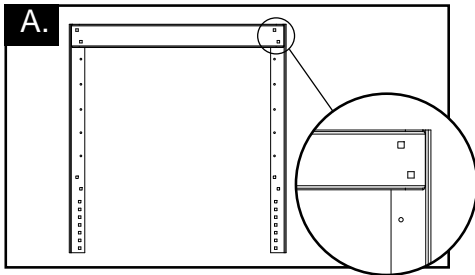
In this step you will be joining four (4) Long Stretchers and four (4) Legs to construct two separate side-assemblies. Special Note: One of your Long Stretchers includes a Kreg logo. You may choose where you would like this stretcher to be positioned.

Begin by laying two (2) Legs flat on your work surface. Each Long Stretcher has two staggered holes at each end which correspond to two sets of staggered holes on the Legs (one at the top of the leg, and the other directly above the height adjustment holes). Take a Long Stretcher and lay it on top of the Leg with the corresponding holes lined up, **as shown in image A**. Insert the carriage bolts (from the underside/outside of the assembly) into the holes and thread the flange nuts onto the bolts, **as shown in image B**. After both carriage bolts are inserted into the correct holes and the nuts are started, use a square to bring the legs and stretchers to a 90 degree angle **as shown in image C**, and begin to tighten the flange nuts. Maintain a strict right angle, as the sturdiness of your table will depend on it.

Once the flange nuts are tightened sufficiently, repeat this step for the remaining Long Stretcher, to create the first side-assembly. Once the first side assembly is complete, you may begin assembling the second side assembly in the same way.



Step 1 -
Final Assembly
Shown



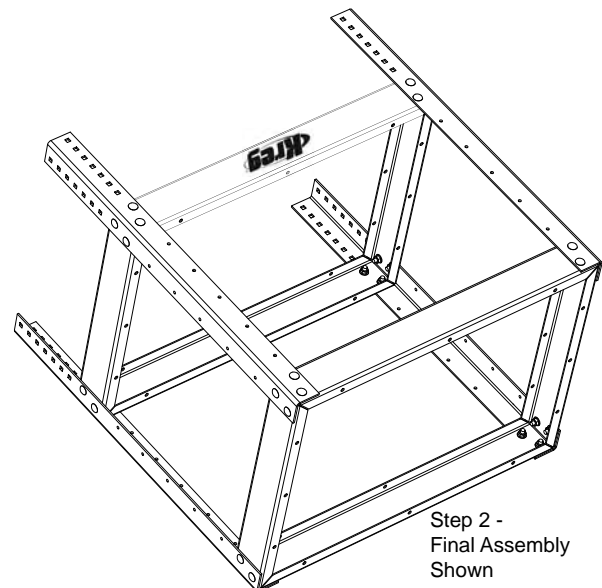
Step 2

Joining Side Assemblies:

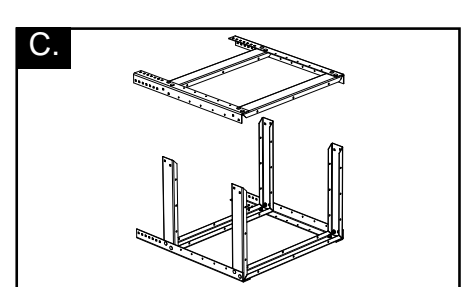
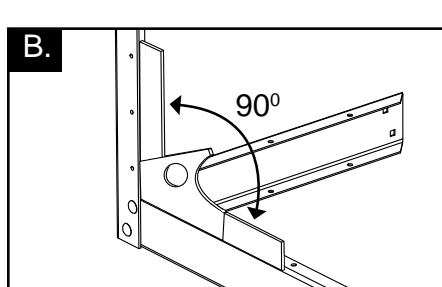
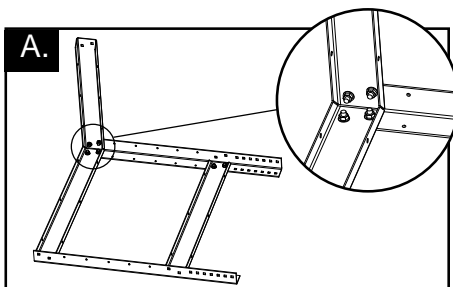
In this step you will be joining the two side assemblies that you assembled in Step 1, using the four (4) Short Stretchers.

Begin by laying one of the side-assemblies flat on your work surface. Each Short Stretcher has 2 staggered holes at both ends which correspond to two sets of staggered holes on the Legs. These holes are directly adjacent to the holes you used for connecting the Long Stretchers to the Legs. Take the Short Stretcher, line up the holes, insert the carriage bolts into the correct holes, and thread the flange nuts onto the bolts, **as shown in image A**. Use your square, **as shown in image B**, to bring the leg and stretcher to a 90 degree angle. Begin to tighten the flange nuts while maintaining a strict right angle, as before.

Once the flange nuts are tightened sufficiently, repeat this process for the three remaining Short Stretchers. After this is complete, the four Short Stretchers will be extending vertically from the side-assembly. Next, position the second side-assembly on top of the Short Stretchers, **as shown in image C**, and line up the corresponding holes. Insert the carriage bolts and tighten the flange nuts while maintaining strict 90 degree angles, just as before.



Step 2 -
Final Assembly
Shown



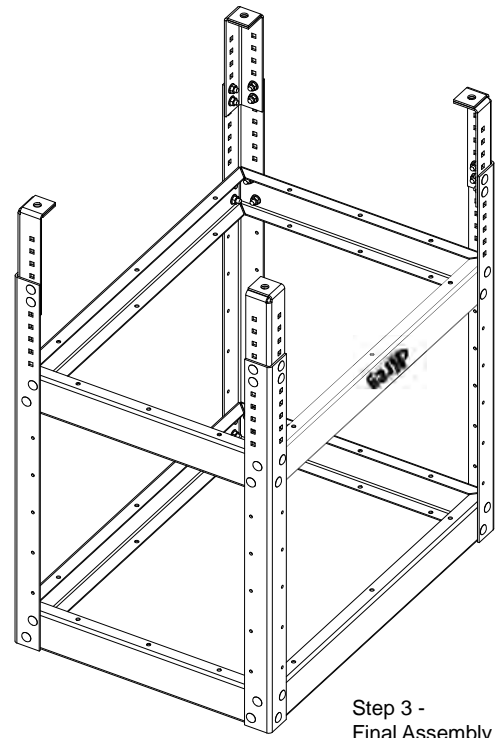
Step 3

Installing Height adjusters:

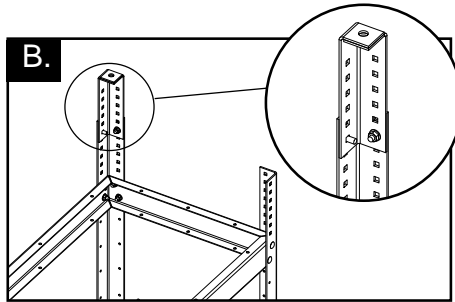
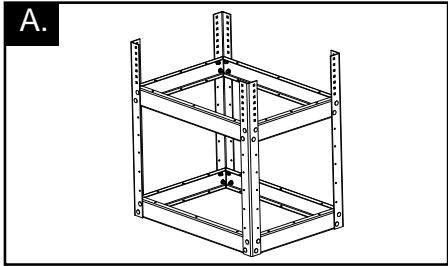
In this step you will be adding the Height Adjusters to the bottom of each Leg.

Place the Steel Stand face-down on your work surface so that all four legs are pointed up in the air, and are easily accessible, **as shown in image A**. Place the height adjuster into the base of the Leg, with the squared end at the bottom of the stand, **as shown in image B**. Each Height Adjuster has several holes that allow you to fine tune your stand height for optimum working conditions. After you have determined the correct spacing, line up the holes appropriately, insert the four carriage bolts, and begin to thread the flange nuts onto the bolts.

Once the flange nuts are tightened sufficiently, repeat this process for the three remaining Height Adjusters. After this is complete, you will be ready to install the 4 levelers at the base of the Height Adjusters.



Step 3 -
Final Assembly
Shown



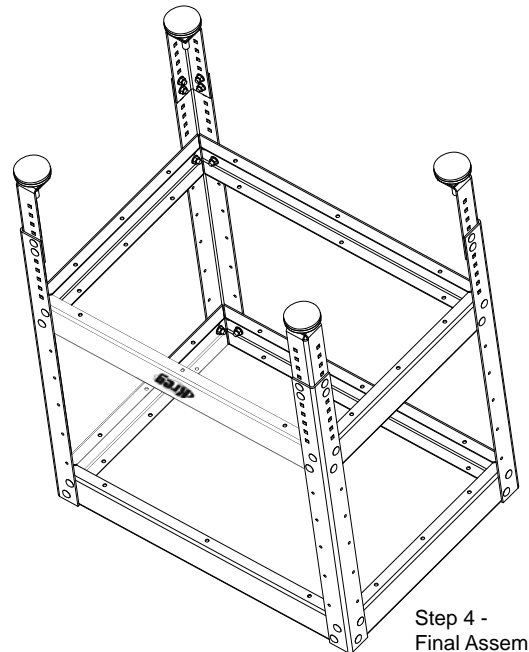
Step 4

Installing Levelers:

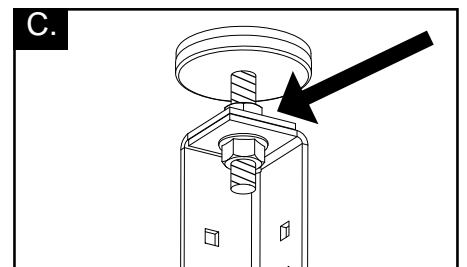
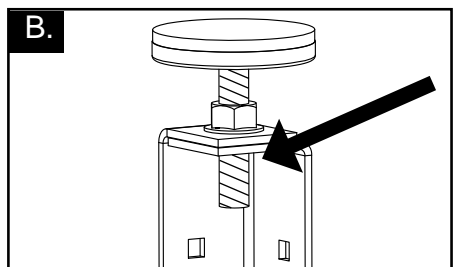
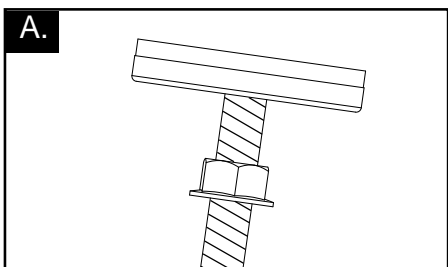
In this step you will be adding the Levelers to the bottom of each Height Adjuster.

Rotate one flange nut onto the Leveler stud, and thread it down until it is approximately one inch from the base of the leveler foot, **as shown in image A**. Then, place the Leveler Stud through the opening in the bottom of the Height Adjuster, **as shown in image B**. Thread the second flange nut onto the Leveler stud, and tighten to lock the Leveler into place on the Height Adjuster, **as shown in image C**.

Once the flange nut is tightened sufficiently, and the Leveler is locked into place, repeat this process on the remaining three (3) Levelers. After all three Levelers are locked into place, it is a good idea to position the stand right-side-up and test it for level. Based on your readings, you can adjust the Levelers to compensate for any discrepancies in the stand or on your floor. Simply loosen the two flange nuts on the leveler you wish to adjust, make your small height adjustment, and retighten the nuts into place. Repeat as necessary.



Step 4 -
Final Assembly
Shown



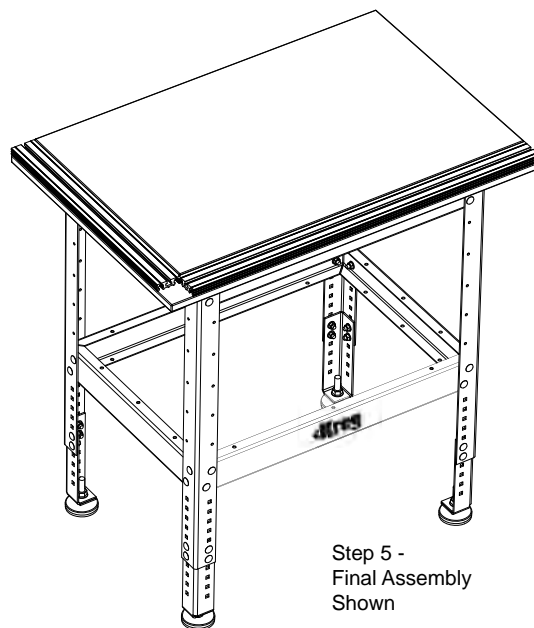
Step 5

Joining Table Top to Stand:

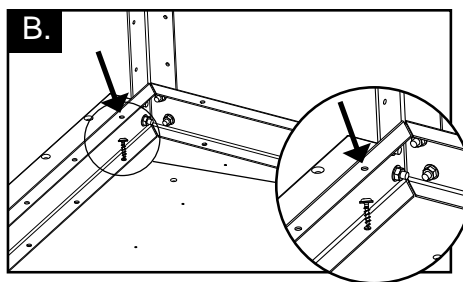
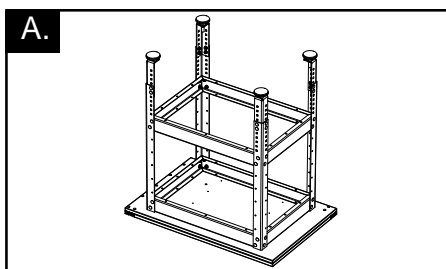
In this step you will be joining the Universal Steel Stand to a Kreg or other table-top of your choice.

Place the table face-down on your work surface, and have someone help you flip the stand on top of it, as shown in image A. Once the stand is centered, and all edges have equal overhang on parallel edges, you may begin securing the two together using $\frac{3}{4}$ " wood screws (not included) and a corresponding driver, as shown in image B.

All Kreg table-top solutions come with pre-drilled holes at their base, which align with holes in the stand. These tables-tops can be attached to the Universal Steel Stand using the included $\frac{3}{4}$ " screws. Please reference specific table-top instructions for further detail. For more information on Kreg table tops, visit www.kregtool.com.

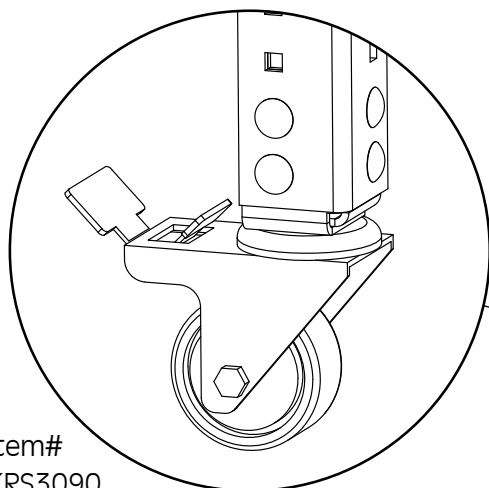


Step 5 -
Final Assembly
Shown



Mobilize your stand...

Add true mobility to your Universal Steel Stand with our Heavy-Duty Casters. Built to last and perform, these casters feature a dual locking mechanism that won't roll OR pivot once engaged, resulting in an extremely stable work station.



Item#
KRS3090

